

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040841	ACI001-VC	6	1	Net/30	MT-BRONZE-C63000-R2.500	Bronze C63000 Round Bar 2.500"; MAT'L AS PER BRONZE C63000 AS PER ANSI 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463				2	8/31/2018	2	S110450	Stock	9/17/2018	\$ 284.48 / ft	0	\$568.95	Aciel Ouellette Inc.		
Total:																			\$436.96		

Plex 9/17/2018 8:10 AM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

**PURCHASE ORDER
PO040841**

Supplier:	ACI001-VC Acier Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696	PO No:	PO040841
		PO Date:	8/24/18
		Due Date:	8/31/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, ChantalPhone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	Net 30
		Freight Terms:	
		Special Comments: quote no. SOU0127397	

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M304B0.625X3.000		304 Bar .625 X 3.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	6 ft	0 ft 12.4174	6 ft	\$45.155/ft	\$270.93 At 18/09/04
6		MT-BRONZE-C63000-R2.500		Bronze C63000 Round Bar 2.500" : MATL AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	-	8/31/18	2 ft	0 ft 2 ft	2 ft	\$284.475/ft	\$568.95 At 18/09/17
8		MT-4140-R4.500		AISI 4140 Round Bar 4.500 Dia. : MATERIAL: AISI 4140 ROUND BAR MINIMUM ROCKWELL C = 20 Rc MAXIMUM ROCKWELL C = 38 Rc SPECIFICATION: ASTM A29, AMS 6349, AMS 6382,	Firmed	-	8/31/18	3 ft	0 ft 3 ft	3 ft	\$94.4666/ft	\$283.40 At 18/09/04



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K6A 1K7
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PURCHASE ORDER PO040841

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
				AMS 6529								
8 A1		M304S16GA		304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	-	8/31/18	160 sf	✓ 160sf	160 sf	\$7.71619/sf	\$1,234.59

Grand Total: \$2,357.87

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/28/18 4:04 PM dart.baker.diane



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040841

Supplier:	ACI001-VC Acer Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696	PO No:	PO040841
		PO Date:	8/24/18
		Due Date:	8/31/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	Net 30
		Freight Terms:	
		Special Comments:	quote no. SOU0127397,SOU0129169

REvised

E-MAILED
AUG 29 2018

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M304B0.625X3.000		304 Bar .625 X 3.00 : MATERIAL: AISI 304/316-SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	12 ft	0 ft	12 ft	\$37.960833/ft	\$455.53
6		MT-BRONZE-C63000-R2.500		Bronze C63000 Round Bar 2.500" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	-	8/31/18	2 ft	0 ft	2 ft	\$284.475/ft	\$568.95

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8		MT-4140-R4.500		AISI 4140 Round Bar 4.500 Dia. : MATERIAL: AISI 4140 ROUND BAR MINIMUM ROCKWELL C = 20 Rc MAXIMUM ROCKWELL C = 38 Rc SPECIFICATION: ASTM A29, AMS 6349, AMS 6382, AMS 6529	Firmed	-	8/31/18	3 ft	0 ft	3 ft	\$94.4666/ft	\$283.40

Grand Total: \$1,307.88

Order Notes

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Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 part notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/29/18 1:40 PM *dart.lavoie.chantal*



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L
Tél.: 450-377-4248 Mtl: 514-336-4248 E-
Fax: 450-377-5696 Mtl: 514-336-4246 E-

DELIVERY - CLIENT

C000106436

207

Billed to	Shipped to
DART AEROSPACE LTD	
	Att : CHANTAL LAVOIE
	Tél.: 613-632-5200
Instruction	Delivery Route
F-M	5

100

NIR : R-109516-6

Total Weight (lbs) : 33.30

Conditions :

All sold and delivered materials remain the property of "Acer Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc" is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc" to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to

Prepared By :	Verified By :	Delivered By :	Time	Y	M	D
						
Customer's Signature						Date

106436.

ISO 9001 2015
AS 9100 Rev. D

LEBRONZE ALLOYS UK LTD

TEST CERTIFICATE

EN 10204:2004 3.1

Dart

Uba

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lebronze alloys | UK bolton

19134N

(2)

TEST CERTIFICATE No	L36889 Rev : 0
SERIAL / BATCH / LOT No	L36889
CUSTOMER ORDER No	5400374044-R05
WORKS ORDER No	S43581

SPECIFICATIONS

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH)
QQ-C-465B AMD1 C63000 HIGH STRENGTH
AMS 4640B 2011

DESCRIPTION

CA18 2.5IN Round 144IN Machined Rod (MR)
Nickel Aluminium Bronze

WEIGHT ORDERED (Kg)	907
WEIGHT DESPATCHED (Kg)	802

MECHANICAL / PHYSICAL PROPERTIES

Tensile Specification	Heat No	Dia d	Area So	0.5% Yield Strength E.U.L	U.T.S.	Elongation 4D	Hardness
ASTM E8 16a		mm	mm ²	Ksi	Ksi	%	HBW10/3000
	H2815	12.53	123.31	64.1	111.1	24.9	223
		12.51	122.91	64.5	112.0	25.1	223
→	T4487	12.50	122.72	62.1	112.3	16.0	217
		12.46	121.93	61.1	112.0	16.4	217
	Min			55.0	105.0	10	187
	Max			n/a	n/a	n/a	241

CHEMICAL COMPOSITION

Heat No	Zn	Fe	Mn	Al	Ni	Sn	Pb	Si	Cu+Ag	Ni+Co	Weight (Kg)
H2815	0.08	3.74	0.32	9.84	4.71	0.02	<0.01	0.05	BAL	4.71	264
T4487	0.04	3.75	0.29	9.89	4.84	0.01	<0.01	0.05	BAL	4.85	538
Min	-	2.00	-	9.00	4.00	-	-	-	-	4.00	
Max	0.30	4.00	1.50	11.00	5.50	0.20	0.50	0.25	BAL	5.50	

REMARKS

Residual stress test satisfactory
 Extruded Drawn and stress relieved
 Country of Melt and Manufacture is UK
 No Weld Repairs
 Part # CURD00449

We certify that material is free from mercury contamination

Signed for on behalf of
LEBRONZE ALLOYS UK LTD


Inspection Manager : S.Sutton

Signed : 22 Mar 2018

Printed : 26 Mar 2018

Lebronze Alloys UK Ltd

New Way, Hadleigh Road, Ipswich, SUFFOLK, IP2 0BD
 Tel: 01473 252 127 Fax: n/a
 Email: sales@boltonmetals.com
 Company Reg. No.: 1650805

LEBRONZE ALLOYS UK LTD
CERT OF CONFORMITY
AND/OR APPROVED CERTIFICATE

uba
b
lebronze alloys | UK bolton

CUSTOMER

TEST CERTIFICATE No	L36889 Rev : 0
SERIAL / BATCH / LOT No	L36889
CUSTOMER ORDER No	5400374044-R05
WORKS ORDER No	S43581
CERT OF CONFORMITY	L36889

SPECIFICATIONS

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH)
QQ-C-465B AMD1 C63000 HIGH STRENGTH
AMS 4640H 2011

DESCRIPTION

CA18 2.5IN Round 144IN Machined Rod (MR)
Nickel Aluminium Bronze

WEIGHT ORDERED (Kg)	907
WEIGHT DESPATCHED (Kg)	802

REMARKS / CONDITION OF MATERIAL :

DEVIATIONS, e.g. Major Concessions or Production Permit :

The products to which this declaration relates conform to the conditions and requirements of the purchaser and to the description, quantity and specification stated. These products have been produced under a certified quality system. The test results have been determined by an assessed or accredited laboratory

ISO 9001 2015, AS 9100 Rev.D

Signed for on behalf of
LEBRONZE ALLOYS UK LTD



Inspection Manager : S.Sutton

Signed : 22 Mar 2018

Printed : 26 Mar 2018

Date 9/4/18
Customer Acies Quellette
These Tests Are For Material Shipped On
Your Order AL00019134
From Copper And Brass Sales, Inc.
INV/WO 1403770250
WGT 31.7324 PCS 1pc5
QC QC

Dee P. Kelly

Lebronze Alloys UK Ltd

New Way, Hadleigh Road, Ipswich, SUFFOLK, IP2 0BD
Tel: 01473 252 127 Fax: n/a
Email: sales@boltonmetals.com
Company Reg. No.: 1650805

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

SPECIFICATION

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EXAMPLE E

BRONZE C63000

1000 1000 1000

HUMS 4830: GRA

WHERE D_{DD} IS DIAMETER IN MILLIMETERS

1 1/4" BOLIND BBONZE C63000 - MT BRONZE C62000 B 2 050

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	17-787	17.12.12	VM	ML

8 7 7 6 6 5 5 4

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THE JOURNAL OF CLIMATE

B

DART AEROSPACE	
Newmarket, Ontario, Canada	
BRONZE C63000 ROUND BAR	
TITLE	REV
PART NO	MT-BRONZE-C63000-R
A	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. (A.4509) DIMENSIONS ARE IN INCHES. (A.4509) DIMENSIONS ARE IN INCHES. (A.4509) DIMENSIONS ARE IN INCHES. (A.4509)	
INITIALS AND DATE	INITIALS AND DATE
DESIGNED BY:	VIA 17/12/2012
DRAWN BY:	VIA 12/12/2017
CHECKED BY:	X A 8.005
INFO RELEASED BY:	X 2.01
APPROVED BY:	X 2.5 ^o
FRACTIONS	
ANGLES	
PROGRESSIONS	
SHEET 1 OF 1	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-BRONZE-6300-R2.500
 DATE: 18/09/17

PO / BATCH NO.: P0010841/S110450

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 251
 QUANTITY INSPECTED: 251
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.50"
 THICKNESS RECEIVED: 2.500"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
	Y	N	
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>AMS 4640</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>HT-74487</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/09/17</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in